

We claim:

1. A sheeting, comprising:
 - a. at least one layer of microlenses, the layer having first and second sides;
 - 5 b. a layer of material disposed adjacent the first side of the layer of microlenses;
 - c. an at least partially complete image formed in the material associated with each of a plurality of the microlenses, wherein the image contrasts with the material; and
 - d. a composite image, provided by the individual images, that appears to the
10 unaided eye to be floating above or below the sheeting, or both.
- 15 2. The sheeting of claim 1, wherein the composite image appears under reflected light to float above the sheeting, float below the sheeting or float in the plane of the sheeting.
3. The sheeting of claim 1, wherein the composite image appears in transmitted light to float above the sheeting, float below the sheeting or float in the plane of the sheeting.
- 20 4. The sheeting of claim 1, wherein the composite image appears to move relative to the sheeting as the viewing position changes relative to the sheeting.
5. The sheeting of claim 1, wherein the composite image disappears and reappears when the angle at which the sheeting is viewed changes.
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6. The sheeting of claim 1, wherein the sheeting comprises more than one composite image.
7. The sheeting of claim 1, wherein the radiation sensitive material is selected
30 from sodium aluminum fluoride, titanium oxide, bismuth oxychloride or lead carbonate.

8. The sheeting of any one of claims 1 through 6, wherein the sheeting is applied to vehicle license plates.

5 9. The sheeting of any one of claims 1 through 6, wherein the sheeting is applied to banknotes and other documents of value.

10. The sheeting of any one of claims 1 through 6, wherein the sheeting is applied to fashion clothing.

10 11. The sheeting of any one of claims 1 through 6, wherein the sheeting is applied to safety clothing.

12. The sheeting of any one of claims 1 through 6, wherein the sheeting is applied to accessories.

15 13. The sheeting of any one of claims 12, wherein the accessories are selected from purses, wallets, briefcases, backpacks, fanny packs, computer cases, luggage, notebooks.